

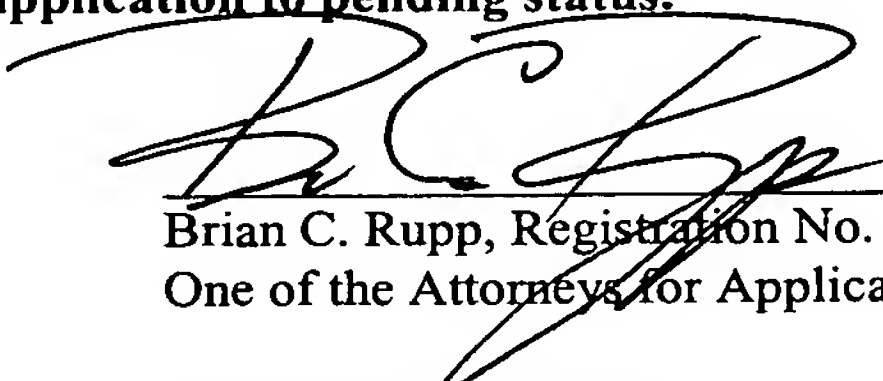
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>TRANSMITTAL LETTER TO THE UNITED STATES</b> <b>DESIGNATED/ELECTED OFFICE (DO/EO/US)</b> <b>CONCERNING A FILING UNDER 35 U.S.C. 371 AND 37 CFR 1.491</b>		ATTORNEY DOCKET NO.  P1920US U.S. APPLICATION NO. 10/582,126
INTERNATIONAL APPLICATION NO. PCT/FR2004/003008	INTERNATIONAL FILING DATE 24 November 2004 (24.11.04)	PRIORITY DATE CLAIMED 10 December 2003 (10.12.03)
TITLE OF INVENTION TRANSCODING BETWEEN THE INDICES OF MULTIPULSE DICTIONARIES USED IN COMPRESSIVE CODING OF DIGITAL SIGNALS		
APPLICANT(S) FOR DO/EO/US LAMBLIN, Claude ; GHENANIA, Mohamed		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371 and 37 CFR 1.491.		
2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371 and 37 CFR 1.491.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)).		
4. <input type="checkbox"/> The US has been elected (PCT Article 31).		
5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul>		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul>		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul>		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
11. Nucleotide and/or Amino Acid Sequence Submission <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:             <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> Paper Copy</li> </ul> </li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul>		
<b>Items 12 to 19 below concern other document(s) or information included:</b>		
12. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <ul style="list-style-type: none"> <li><input type="checkbox"/> Form PTO-1449</li> <li><input type="checkbox"/> Copies of Listed Documents</li> </ul>		
13. <input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
14. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A change of power of attorney and/or address letter.		
17. <input checked="" type="checkbox"/> Supplemental Application Data Sheet Under 37 CFR 1.76		
18. <input checked="" type="checkbox"/> Return Receipt Postcard		
19. <input checked="" type="checkbox"/> Other items or information: Communication		

U.S. APPLICATION NO. 10/582,126		INTERNATIONAL APPLICATION NO. PCT/FR2004/003008		ATTORNEY DOCKET NO. P1920US	
------------------------------------	--	--	--	--------------------------------	--

20. The following fees are submitted: <input type="checkbox"/> a) Basic national fee.....\$300.00 <input type="checkbox"/> b) Examination fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0.00 All other situations .....\$200.00 <input type="checkbox"/> c) Search fee If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0.00 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100.00 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400.00 All other situations.....\$500.00 <div style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></div>				Calculations	PTO Use Only
				\$0.00	
				\$0.00	
				\$0.00	
				<b>\$0.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
-100=	/50=		x \$250.00	\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	-20=	0	x \$50.00	\$0.00	
Independent Claims	- 3 =	0	x \$200.00	\$0.00	
<input type="checkbox"/> Multiple Dependent Claim(s) (if applicable)			+ \$360.00	\$0.00	
<b>TOTAL OF ABOVE CALCULATIONS=</b>				\$130.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL=</b>				\$130.00	
Processing fee of \$130.00 for furnishing English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date.				\$	
<b>TOTAL NATIONAL FEE=</b>				\$130.00	
Fee for recording the enclosed assignment. The assignment must be accompanied by an appropriate cover sheet. \$40.00 per property				+	\$
<b>TOTAL FEE ENCLOSED=</b>				\$130.00	
10/13/2006 GFREY1 00000096 070181 10582126 01 FC:1617 130.00 DA				Amount to be: refunded	\$
				charged:	\$

a. <input type="checkbox"/> A check in the amount of \$ to cover the above fee is enclosed. b. <input checked="" type="checkbox"/> Please charge Deposit Account No. 07-0181 in the amount of \$130.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-0181. A duplicate copy of this sheet is enclosed.	 Brian C. Rupp, Registration No. 35,665 One of the Attorneys for Applicant(s) Date: October 6, 2006
---	---

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer Number: 08968  
 Gardner Carton & Douglas LLP  
 191 N. Wacker Drive, Suite 3700  
 Chicago, Illinois 60606-1698

Date: October 6, 2006

U.S. APPLICATION NO. 10/582,126	INTERNATIONAL APPLICATION NO. PCT/FR2004/003008	ATTORNEY DOCKET NO. P1920US
------------------------------------	--	--------------------------------

**CERTIFICATION UNDER 37 CFR 1.10**


“Express Mail” Label Number:      EV265820314US

Date of Deposit:                      October 6, 2006

I hereby certify that this express request to begin national examination procedures under 35 U.S.C. 371(f) of the International Patent Application referenced above, including all of the items listed thereon as enclosures, is being deposited with the United States Postal Service “Express Mail Post Office to Addressee” Service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Attention: DO/EO/US, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Irina L. Mikitiouk

Printed Name of Person Signing: \_\_\_\_\_

  
Signature

**EXPRESS MAILING CERTIFICATE  
UNDER 37 CFR § 1.10**

**Date of Deposit: October 6, 2006**

**“Express Mail” Mailing Number: EV265820314US**

I hereby certify that the attached correspondence, including any documents or materials referred to thereon as enclosures or attachments, is being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to:

Mail Stop PCT  
Attn: DO/EO/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Title: TRANSCODING BETWEEN THE INDICES OF MULTIPULSE  
DICTIONARIES USED IN COMPRESSIVE CODING OF DIGITAL  
SIGNALS

Inventor(s): Lamblin et al.

Application No.: 10/582,126

Filed: June 7, 2006

Enclosed:

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 USC 371 and 37 CFR 1.491 (3 pgs) and duplicate thereof (3 pgs)
2. Communication (3 pgs) and duplicate thereof (3 pgs)
3. Executed Combined Declaration and Power of Attorney (3 pgs)
4. Supplemental Application Data Sheet (3 pgs)
5. Authorization to charge deposit account in the amount of \$130.00
6. Return postcard

Irina L. Mikitiouk  
Typed or Printed Name

  
Signature

Attorney Docket No. **P1920US**  
Client No. 084526-1920  
CH02/ 22464574.1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Lamblin et al.

Application No. 10/582,126

Filed: June 7, 2006

Art Unit: Unassigned

Examiner: Unassigned

For: TRANSCODING BETWEEN THE INDICES  
OF MULTIPULSE DICTIONARIES USED IN  
COMPRESSIVE CODING OF DIGITAL SIGNALS

**COMMUNICATION**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Applicants hereby submit an executed Combined Declaration and Power of Attorney.  
**No invitation to furnish an oath or declaration was received from the Patent Office.**

The items checked below are appropriate:

**1. Status of Applicant**

This application is on behalf of ☒ other than a small entity or ☐ a small entity.

**2. Documents Submitted Herewith**

- a. ☒ Executed Declaration of inventor(s)
- b. ☒ Other: Supplemental Application Data Sheet

**3. Fees**

**Late Filing of Oath or Declaration**

Pursuant to 37 CFR 1.16(e), the surcharge for late filing of the oath or declaration for  
☒ other than a small entity or ☐ a small entity is \$130.00.

**Fee Due        \$130.00**

**4. Extension of Time**

- ☐ Applicants petition for a extension of time under 37 CFR 1.136, the fee for which is
- ☒ Applicants believe that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicants have inadvertently overlooked the need for a petition and fee for extension of time.

**Fee Due** \$0.00

**5. Total Fee Due**

The total fee due is:

Late Filing of Declaration Surcharge	\$130.00
Extension of Time Fee	\$ 0.00

**Total Fee Due: \$130.00**

**6. Fee Payment**

- ☐ Attached is a check in the sum of \$ .
- ☒ Charge Account No. 07-0181 the sum of \$130.00. A duplicate of this transmittal is attached.

**7. Fee Deficiency**

- ☒ If any additional fee is required in connection with this communication, charge Account No. 07-0181. A duplicate of this transmittal is attached.



Brian C. Rupp, Reg. No. 35,665  
One of the Attorneys for Applicant(s)  
GARDNER, CARTON & DOUGLAS LLP  
191 N. Wacker Drive, Suite 3700  
Chicago, Illinois 60606-1698  
(312) 569-1000 telephone  
(312) 569-3000 facsimile  
Customer No.: 08968

Date: October 6, 2006



In re Appln. of Lamblin et al.  
Application No. 10/582,126

**Certification under 37 C.F.R. § 1.10**

EV265820314US

October 6, 2006

---

*Express Mail mailing number*

---

*Date of Deposit*

I hereby certify that the attached COMMUNICATION, including any documents or materials referred to thereon as enclosures or attachments, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Mail Stop PCT, Attn.: DO/EO/US, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

---

Irina L. Mikitiouk

*(Typed or printed name or person making deposit)*

---



*(Signature of person making deposit)*

CH02/ 22464569.1